Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082118\
Data File : BG036325.D
Acq On : 21 Aug 2018 16:08
Operator : JU/SJ
Sample : SSTD01013
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01013

Quant Time: Aug 21 17:28:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 21 17:19:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	45230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	198347	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	126270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	318441	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	341517	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	351660	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5327	4.39	ng/uL	0.00
5) Phenol-d5	7.22	99	43303	9.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	31054	9.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	31384	12.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	33703	9.96	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	10920	9.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	10733	9.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	31934	8.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	37928	11.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	107522	10.01	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	130658	10.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	12141	9.14	ng/ul	0.00
58) Fluorene-d10	15.69	176	93624	9.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	8271	7.87	ng/ul	0.00
71) Anthracene-d10	17.54	188	151288	10.26	ng/ul	0.00
79) Pyrene-d10	19.82	212	176988	10.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	188460	9.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	5980	4.002	ng/uL#	26
4) Benzaldehyde	7.21	77	33491	8.892	ng/ul	95
6) Phenol	7.25	94	43767	9.310	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.49	93	33017	9.560	ng/ul#	84
10) 2-Chlorophenol	7.64	128	30741	11.913	ng/ul	93
11) 2-Methylphenol	8.51	108	33195	9.725	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.60	45	73306	17.105	ng/ul#	89
14) Acetophenone	8.90	105	53304	9.441	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.88	70	30598	8.253	ng/ul#	77
16) 4-Methylphenol	8.83	108	34923	9.930	ng/ul	89
17) Hexachloroethane	9.17	117	12482	9.833	ng/ul#	84
20) Nitrobenzene	9.28	77	31518	6.909	ng/ul#	92
21) Isophorone	9.80	82	86245	7.789	ng/ul	99
23) 2-Nitrophenol	9.99	139	10683	8.462	ng/ul	93
24) 2,4-Dimethylphenol	10.05	107	39603	7.879	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.29	93	46693	8.869	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	31398	10.102	ng/ul	95
28) Naphthalene	10.93	128	105069	10.503	ng/ul	99
30) 4-Chloroaniline	11.03	127	36891	10.751	ng/ul	91
31) Hexachlorobutadiene	11.22	225	22334	7.347	ng/ul	94
32) Caprolactam	11.78	113	13315	9.781	ng/ul#	55
33) 4-Chloro-3-methylphenol	12.14	107	36636	8.461	ng/ul	90
34) 2-Methylnaphthalene	12.54	142	77531	10.140	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	76647	10.334 ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	43367	8.486 ng/ul#	97
38) Hexachlorocyclopentadiene	12.88	237	23717	8.614 ng/ul	93
39) 2,4,6-Trichlorophenol	13.13	196	25477	9.508 ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	26297	8.806 ng/ul	90
41) 1,1'-Biphenyl	13.54	154	102221	10.897 ng/ul#	97
42) 2-Chloronaphthalene	13.58	162	77836	10.557 ng/ul	96
43) 2-Nitroaniline	13.77	65	16018	7.279 ng/ul	87
45) Dimethylphthalate	14.15	163	104305	9.881 ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	11650	8.144 ng/ul#	87
48) Acenaphthylene	14.42	152	124113	11.011 ng/ul	98
49) 3-Nitroaniline	14.59	138	12478	9.146 ng/ul#	91
50) Acenaphthene	14.77	153	87718	10.851 ng/ul	99
51) 2,4-Dinitrophenol	14.79	184	5411	6.866 ng/ul	96
53) 4-Nitrophenol	14.88	109	12721	6.526 ng/ul	87
54) Dibenzofuran	15.10	168	124058	10.721 ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	15814	8.141 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.32	232	25066	10.461 ng/ul#	92
57) Diethylphthalate	15.52	149	107010	10.262 ng/ul	95
59) Fluorene	15.75	166	99730	9.944 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	54128	8.915 ng/ul	94
61) 4-Nitroaniline	15.75	138	16931	9.048 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	7990	7.061 ng/ul	98
65) N-Nitrosodiphenylamine	15.95	169	90557	10.848 ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	34660	9.396 ng/ul	95
67) Hexachlorobenzene	16.75	284	34976	8.990 ng/ul#	90
68) Atrazine	16.90	200	38627	10.565 ng/ul	97
69) Pentachlorophenol	17.09	266	18484	9.547 ng/ul	96
70) Phenanthrene	17.49	178	167989	10.559 ng/ul	100
72) Anthracene	17.58	178	172016	10.787 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	48496	9.596 ng/uL	97
74) Pentachlorobenzene	15.02	250	41844	9.430 ng/uL	100
75) Carbazole	17.84	167	151026	11.606 ng/ul#	92
76) Di-n-butylphthalate	18.41	149	190101	12.645 ng/ul	99
77) Fluoranthene	19.49	202	214848	10.391 ng/ul#	95
80) Pyrene	19.85	202	214294	10.015 ng/ul#	95
81) Butylbenzylphthalate	20.75	149	82588	12.919 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.61	252	74778	10.422 ng/ul	99
83) Benzo(a)anthracene	21.69	228	220237	10.120 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	120134	13.484 ng/ul	100
85) Chrysene	21.76	228	200986	9.915 ng/ul	99
87) Di-n-octyl phthalate	22.86	149	206616	12.780 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	204442	9.183 ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	205308	9.675 ng/ul#	98
91) Benzo(a)pyrene	24.79	252	197060	9.452 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.61	276	229742	9.619 ng/ul#	95
93) Dibenzo(a,h)anthracene	28.68	278	189231	9.610 ng/ul	97
94) Benzo(g,h,i)perylene	29.75	276	189625	9.593 ng/ul	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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